

STATINTL

Approved For Release 2001/05/11 : CIA-RDP78B04747A001800050036-9

9 November 1960

MEMORANDUM FOR: [REDACTED]

FROM : C/TSD/APB/AS

SUBJECT : Hi-Oblique Rectification Equipment [REDACTED] T.O.S. STATINTL

1. It is requested that [REDACTED] be notified to proceed with manufacture of the two additional rectifiers and the one remaining 2X reduction printer. Initial testing of these equipments has been made at [REDACTED]. Final acceptance testing of the prototype will be completed by December 1960 at Offutt AF Base, Omaha. It has been determined that due to time lag and in order to expedite critical rectification work that [REDACTED] should be given proceed orders at this time. It has been determined that [REDACTED] will not proceed far enough by December 1960 to pre-empt any changes determined during final acceptance testing.

2. The following stipulations should be included in your release order to [REDACTED] to be performed within the current contract funding:

- a. That the reduction printer be delivered by 1 May 1961 and that the second 2-stage rectifier be delivered by 1 May 1961 and the third 2-stage rectifier be delivered by 1 June 1961.

DECLASS REVIEW by NIMA/DOD

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b. Replace the circle line light for the illumination of the fiducial marks by 4 small lamps in order to prevent vignetting of the negative field in extreme setting positions.

c. Replace both folded bellows between the negative stage housing and the lens by light weight cloth material in order to prevent vignetting.

d. [REDACTED] will make the instrument so it will not reflect onto itself.

e. Install an index on the program cylinder and a pilot warning light on the control panel indicating setting of card reader.

f. Provide metal clips along upper edges of both easels to clamp film material.

g. Provide 10" x 10" opal diffusing screen attachable to pressure plate door of negative stage and same holder will hold 10" x 10" heat reflecting glass.

h. Relocate vernier light of negative stage circle to make vernier readable.

i. Provide a clamp for the film stage Y motion that can be easily operated while reading the respective vernier and will hold to .05 mm.

j. Redesign the left side of the negative easel and use the tilting lens formula to prevent any vignetting on the second easel.

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k. Extend the first easel sufficiently to allow higher tilts to be used on the first stage i.e., 18" fl to 65° 12" fl to 55°.

l. Provide a light source ballast that will allow a rectification to be made at the maximum tilt in one exposure.

m. Provide an integral terminal strip on the base of the instrument for power hookup and receptacles on the base casting for the accessory pieces i.e., vacuum pump and DC rectifier, cabling still to be provided by the user.

[REDACTED] STATINTL

Technical Concurrence:

STATINTL

[REDACTED]

Date

STATINTL

[REDACTED]

Date